

# PHILIPS

Palm vein smart door  
lock

7000 series

Palm vein recognition

Radar motion detection

4-inch LCD display

DDL720FCAKW



## Your palm, your key

Unlock with just a wave

Enjoy the palm vein unlocking experience with a simple wave! The Philips DDL720-MVP-17HWS features palm vein recognition, allowing you to unlock with palm scanning. Touchless sensing unlocks your door—your palm is the key.

### Smart life "locked" with excellence

- Touchless unlocking for instant access
- Stay informed about your doorstep while away
- Monitor your home online 24/7
- Smart lighting for clearer sight, even in the night
- Data encrypted for added security

### Secure protection, smart embedded

- Your instant home guarding assistant
- Elevate your privacy and security
- Automatically locks with every close
- Say goodbye to the security concern

### Easy life goes beyond this

- Know what's outside at a glance
- Ideal for the whole family
- One turn, instant unlock

# Highlights

### Palm vein recognition

Palm vein recognition uses near-infrared light to detect hemoglobin in flowing blood, capturing accurate images for secure unlocking through palm vein comparison. With live recognition, it's precise, safe, and touch-free, addressing issues like shallow fingerprints and dry skin. Ideal for the whole family.

### Work with Home Access App\*

The DDL720-MVP-17HWS works with the Home Access App. Once connected to the network, you can access lock operation records, doorbell notifications, and unlocking history anytime, anywhere. Get instant alerts for any unusual activity via pop-up notifications, ensuring you stay informed and secure at your doorstep.

### Video door viewer

When visitors ring the doorbell, you'll instantly receive a notification on the Home Access App. Simply tap the message to start a two-way audio conversation and remotely check your doorstep. Plus, the video door viewer automatically captures photos or records videos whenever the doorbell is pressed. Even if you can't respond immediately, you can easily review visitor details in the logs.

### Wide-angle night vision camera

The DDL720-MVP-17HWS features a wide-angle camera and four low-power infrared lights, offering both daytime and night vision modes. When the light dims, the infrared lights automatically activate, seamlessly switching to night vision. It can clearly recognize facial features even from a distance of 2 meters.

### Cloud storage\*

Once the cloud storage service is activated, the DDL720-MVP-17HWS securely uploads encrypted snapshots and recordings to the cloud. Even if the lock is tampered with or damaged, your data remains safe and accessible at any time through the Home Access App.

### Smart motion tracking

The DDL720-MVP-17HWS features a radar sensor that activates the video door viewer when it detects unusual activity within 1 meter\* outside your door. It instantly sends this information to the Home Access App, making it easy for you to monitor your doorstep and enhance your home security.

### One-tap voice change

The DDL720-MVP-17HWS offers real-time voice changing, letting you choose from 'Original Voice', 'Deep Voice', or 'Funny Voice' during remote video communication. Easily disguise your true voice when interacting with strangers, enhancing your privacy and security.

### Mechanical electronic mortise\*

The DDL720-MVP-17HWS features a mechanical electronic mortise that offers superior security and convenience compared to common mechanical locks. When the sensor latch is triggered, the system automatically checks the lock status. If the door is closed, an external motor engages within 10 seconds\* to secure the lock, ensuring your home safety.

### Real-time push alerts

Home security, fully protected. The DDL720-MVP-17HWS offers multiple safety alerts, including latch anomalies, armed mode, tamper alerts, system lockout, and loitering detection. Any unusual activity is instantly sent to the app, ensuring your home remains secure at all times.

### 4-inch LCD display

The indoor assembly features a 4-inch LCD display for easily checking visitors and your doorstep without opening the door. Simply tap the screen for quick access, eliminating the need for traditional peepholes, making it user-friendly for seniors and kids. You can also adjust the display brightness and screen timeout duration through the Home Access App to suit your preferences.

### 5 unlocking methods

The DDL720-MVP-17HWS supports five unlocking methods: palm vein, fingerprint, PIN code, key tag, and mechanical key. With versatile options, it effortlessly adapts to various situations, making it especially convenient for seniors and children.

### Indoor quick-open handle

The indoor assembly features a quick-open handle. In emergencies, if the smart lock's electronic functions fail, a simple turn of the handle is all it takes to unlock the door, ensuring your safety and peace of mind.

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Palm vein smart door lock

DDL720FCAKW/00

# Specifications

### Design & Appearance

**Color:** Space gray

**Handle:** Push-pull handle

**Main Material:** Aluminium alloy

**Surface Processing:** Baking varnish

**Facial Recognition:** Not supported

**Fingerprint Sensor:** Semiconductor

**Display:** 4-inch LCD display

**Palm vein recognition:** Supported

### Access Solution

Fingerprint

Password/PIN Code

Card/Key Tag

Mechanical Key

Face Unlock: No

Palm vein recognition

### Lock Capacity

**Fingerprint:** Up to 100(Master fingerprint incl.)

**Card/Key Tag:** Up to 100

**Master PIN Code:** 1

**User PIN Code:** Up to 20(One-time codes incl.)

**Palm vein ID:** Up to 50( One master palm vein ID incl.)

### Power Specification

**Battery Type:** Li-polymer Battery

**Time of Use:** 3 months\*

**Battery Capacity:** 5000 mAh

**Emergency Power Supply:** 5V power bank

### Easy Operation

**Voice Guide:** Real person voice navigation

### Smart Lock Functions

**Mortise:** 311 mortise with sensing module included

**Alarm Function:** Tamper alert, Low battery alert, Lockout alert, Armed mode alert, Latch abnormality alert

### Mode

**Operating Mode:** Auto mode, Manual mode

**System Setup Mode:** General mode, Dual verification mode

### Installation

**Door Thickness:** 30-60 mm, 60-90 mm, 90-120 mm, Other range\*

**Door Opening Direction:** Right inward opening, Left outward opening, Right outward opening, Left inward opening

**Door Type:** Wooden door, Copper door, Security door



\* Home Access App: the DDL720-MVP-17HWS works with Home Access App.

\* Cloud storage: only subscribers to the cloud storage service can access historical recorded videos; non-subscribers can view only high-definition snapshots.

\* 1 meter: the radar sensor detects activity up to 1 meter. Loitering alerts are turned off by default but can be activated in the Home Access App. You can adjust loitering sensitivity in the App: high sensitivity at 1 meter and low sensitivity at 0.5 meters. Set loitering duration to 10, 20, 30, or 60 seconds.

\* Mechanical electronic mortise: refers to mortises that feature an external motor and electronic detection. When the sensor latch is triggered and the door lock is closed, the external motor engages the deadbolt to complete the locking.

\* 3 months: this is internal test data; actual battery life may vary with usage frequency.

\* Other range: the included installation kit is suitable for doors with the mentioned thickness. For doors outside this range, please contact authorized Philips smart lock consumer care centers or designated offline dealers.

\* 10 seconds: data sources from internal testing data.

\* Mortise: this model comes with a 311 mortise featuring a sensing module and is compatible with the 301 mechanical mortise. When using the 311 mortise, only Auto mode is supported.